

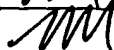

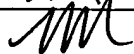










Filed 3/29/02

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> ATTY. DOCKET NO. 42314 </td> <td style="width: 50%;"> SERIAL NO. Based on PCT/EP00/10058 </td> </tr> <tr> <td colspan="2"> APPLICANT Reiter et al. </td> </tr> <tr> <td> FILING DATE 29 March 2002 </td> <td> GROUP 1645 </td> </tr> </table>	ATTY. DOCKET NO. 42314	SERIAL NO. Based on PCT/EP00/10058	APPLICANT Reiter et al.		FILING DATE 29 March 2002	GROUP 1645
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APPLICANT Reiter et al.							
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U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	6	0	7	8	6	3	4 Mar 2002	Chandler			
	5	2	0	0	3	4	4	6 Apr 1993	Blaser et al.			
	5	9	3	2	4	3	0	3 Aug 1999	Larka et al.			

FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
		0	0	2	6	6	7	1	11 May 2000	WIPO				
		9	9	4	4	0	6	6	2 Sep 1999	WIPO				
		9	7	3	4	1	4	9	18 Sep 1997	WIPO				
		9	8	2	4	8	8	5	11 Jun 1998	WIPO				
		9	9	4	9	8	8	9	7 Oct 1999	WIPO				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	
<i>mm</i>	<u>Infection and Immunity</u> , Vol. 66, No. 11, pp. 5060-5066. Krishnamurthy et al. "Helicobacter pylori Containing only Cytoplasmic Urease is Susceptible to Acid."
<i>mm</i>	<u>Journal of Clinical Microbiology</u> , Vol. 38, No. 10, pp. 3710-3714. Makristathis et al., "Two Enzyme Immunoassays and PCR for Detection of Helicobacter Pylori in Stool Specimens from Pediatric Patients before and after Eradication Therapy"

EXAMINER <i>N M Mirzifield</i>	DATE CONSIDERED <i>8/22/05</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/089,452
		Filing Date	January 27, 2003
		First Named Inventor	Christian REITER
		Art Unit	1645
		Examiner Name	Nita M. Minnifield
Sheet 2 of 2	Attorney Docket Number	032034-2000	

	P.W. O'TOOLE, ET AL., <i>Isolation and biochemical and molecular analysis of a species-specific protein antigen from the gastric pathogen Helicobacter pylori</i> , J. Bacteriology (1991), 505-513;	
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Examiner Signature		Date Considered	8-22-05
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1	1	of 2	Attorney Docket Number 032034-2000

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.*	U.S. Patent Document Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.*	Foreign Patent Document Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
<i>MM</i>		EP 0 329 570 A2	08/23/1989	Martin J. BLASER		
<i>MM</i>		EP 0 806 667 A1	11/12/1997	Christopher Vance LARKA et al.		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T*
<i>MM</i>		J. E. THOMAS ET AL., <i>Isolation of Helicobacter pylori from human faeces</i> , Lancet 1992 Nov 14; 340(8829):1194-5.	
<i>MM</i>		J. D. MONFORT ET AL., <i>Detection of Flagellar antigen of Campylobacter jejuni and Campylobacter coli in canine faeces with an enzyme-linked immunosorbent assay (ELISA) - New Prospects for Diagnosis</i> , Veterinary Research Communications, 18 (1994) 85-92;	
<i>MM</i>		T. SHIMADA ET AL., <i>Detection of Helicobacter pylori in stool specimen by immunomagnetic separation and PCR methods</i> , Gastroenterology, (AGA Abstracts), April 1996, Bd. 110, Nr. 4; A256;	
<i>MM</i>		T. SHIMADA ET AL., <i>Identification of H. pylori in gastric specimens, gastric juice, saliva, and faeces of Japanese patients</i> , Lancet 1994 June 25; 243(8913); 1636-7;	
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<i>MM</i>		TOMB, J.-F. ET AL. <i>The complete genome sequence of gastric pathogen Helicobacter pylori</i> (1997), Nature, 388, 539-547; Parkhill et al (2000). Nature 403, 665-668 (EMBL ID CJ11168)	
<i>MM</i>		KELLY SM, PITCHER MC, FARMER SM, GIBSON GR, <i>Isolation of Helicobacter pylori from faeces of patients with dyspepsia in the United Kingdom</i> , Gastroenterology 1994 Dec; 107(6):1671-4.	

NM Minnifield 8/22/05

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